

What is claimed is:

1. A battery comprising:
  - a battery cell having a pair of terminals;
  - 5 a circuit board disposed on a side of the battery cell;
    - a pair of connecting members, one end of each connecting member being attached to a respective end of the circuit board, and the other end of each connecting member being attached to the respective terminal of the battery cell;
    - a connector having a resin path, the connector provided on the circuit board; and
  - 10 a molded resin portion continuously formed via the resin path, covering the circuit board and the connecting members disposed on the battery cell.
2. A battery according to claim 1,
  - wherein the battery cell is rectangular,
  - 15 one of the pair of terminals protrudes from one of the side provided with the circuit board and a side not provided with the circuit board on the battery cell, and
  - the other of the pair of terminals is a location on the battery cell except at an the location at which the one of the pair of terminals is disposed.
- 20 3. A battery according to claim 2, further comprising:
  - an insulating layer between the connecting member to which one of the pair of terminals is connected and the battery cell.
4. A battery according to claim 1,
- 25 wherein the connector comprises

a terminal housing arranged on the circuit board; and  
an external connecting terminal connected to the circuit board electrically, and  
wherein the external connecting terminal is arranged on top of the terminal housing.

5 5. A battery according to claim 4, wherein one end of the external connecting terminal  
is exposed at a side of the terminal housing.

6. A battery manufacturing method comprising the steps of:

preparing a battery cell and a circuit board;  
10 mounting a connector having a resin path onto the circuit board;  
forming a battery unit by fixing the circuit board on which the connector is  
mounted on a side of the battery cell and electrically connecting the circuit board  
and terminals of the battery cell by connecting members;  
arranging the battery unit in a metal mold and forming two cavities  
15 divided by the connector;  
supplying soft resin via a resin inlet, which opens to one of the two cavities, to  
the two cavities mutually connected by the resin path of the connector; and  
attaching a molded resin portion to the battery cell for covering the circuit board  
and the connecting members by hardening the resin.

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7. A battery manufacturing method according to claim 6, wherein the resin inlet is  
arranged on a portion such that distances between the resin inlet and each end of the two  
cavities are equal.